

# **30 YEARS OF SEALING SOLUTIONS.**



## The Technical industrial Services & TR. CO. TISTAM.

Over 30 years of design expertise gives extensive application engineering experience which is make TISTAM the best technical support services in the mechanical seal industry and most responsive technical service to support product integration and program maintenance in short lead time schedules tailored to our customers' needs with long-term, multi-year agreements that are among the most creative and effective in the industry.

TISTAM was established in June 1987 in Cairo, Egypt. After 30 years, become a major and leading manufacturer in Egypt in mechanical seals, silicon carbide and carbon Graphite. Our products are mainly applied in rotating equipment such as pumps, mixers, compressor, wheel guides and Nozzles.

TISTAM products deliver safe, reliable sealing performance in any application including oil pumping and cracking, gas compression, process gas containment, phase separation or synthesis of chemical substances, pipeline sealing, dairy product filling or compensation of temperature expansion in flue gas systems. Our challenge is to design seals that are able to withstand a wide range of media, different a aggregate states and varying pressure and temperature and to provide special solutions for small installation up to seal contact areas of several

meters. Every application has its own special requirements profile, and our job is to provide the best sealing solution.





















Swage & Recycling.

TISTAM® recognize that, our success depends on our customer satisfaction, therefore, our goals:

- To meet customer requirements and strive to exceed customer expectations.
- continue to improve effectiveness and efficiency in our business process.
- Seeking, listen and respond to customer feedback.

Quality system practice is an indivisible, our staff is committed to continuous improvement of product quality. In order to ensure that our policy to satisfy customers.,

Our staff is committed to providing high quality products and services, to meet the customers needs . The purpose of our business is based on "quality first", and "zero leakage", our corporation has established a quality management system.

Locations totaling approximately 14,000 square feet and our trained staff is knowledgeable about every aspect of Mechanical seal, pumps & process equipment repair/rebuild. With many years of hands-on experience, our technicians are the best in the sealing field. Our mission is to provide customers with the proper information and the best pump repair service faster than anyone else in the business. This passion for quick .

We believe essential elements to this process are courteous and prompt quotations and customer service, quick and dependable deliveries, product training, informative literature and in-plant surveys, and skilled engineering support.

TISTAM provide customers a factory trained resource for repairing their pumps and other fluid handling equipment, on call 24/7 for emergency service. That's peace of mind.



# ► VISION:

- To become the world leader in providing Total Engineering Solutions for Mechanical Seals and Pumps.

- State-Of-The-Art Manufacturing Facilities in producing the highest quality precision products.
- The best quality of Engineering Support and Services.
- The best engineering analyses and consultations through our remarkable Engineering Analysis Capability.
- Continuous Improvement and Innovation of products and services through extensive Research and Development.
- Excellent Quality Assurance and Quality Control through out our operations in line with: (API682-ISO21049)Quality Management Standard (QMS) best practices.





TISTAM maintenance and repair services assists with critical systems checks and plant equipment maintenance, as well as engineered component repair, removal and reinstallation services.

Asset Management Solutions.

TISTAM® Asset Management Solutions team deliver services to improve maintenance processes and increase asset efficiency, using data to create the processes needed to reduce maintenance costs and ensure compliance to crucial safety standards.

#### Training.

Our comprehensive training courses help end-user personnel optimize uptime by keeping their equipment running safely, smoothly and reliably. The knowledge necessary to optimize uptime by keeping their equipment running safely, smoothly and reliably, TISTAM provide theoretical and practical training courses on specific industrial sectors that cover the application of our products through their specific processes including seal training.

#### Advice and assistance.

The qualified engineers and technicians at TISTAM specialists and can make in-site visits to evaluate assist in assembling the mechanical seals in their agitators and pumping equipment, give them advice and the best solutions for their applications and help them in their preventive or predictive maintenance procedures. 3D Design solutions.

With more than 30 years of knowledge in mechanical seal design, you can trust TISTAM® for supplying you with a proven seal design that can fit into tight envelopes, resist to harsh chemicals, keep high pressures under control, and give you many years of leak free operation of your rotating equipment. Each of our mechanical seal is engineered to your specifications. We can supply all formats of CAD drawings, with spare parts lists, so maintenance in the future will be easy, and information will be accessible. We use AutoCAD and Solid Work 3D for all of our designs.

#### Parts.

Degasser Clamps, Shafts, Sleeves, Rings, and Nuts per customer specifications, Bearing, Sealing arrangement, etc. Reverse engineer parts and manufacture samples.

- Mechanical Seal and complete carterges.
- Carbon graphite.
- Tungsten carbide.
- Silicon carbide.
- P.T.F.E.
- Rotary joints.
- Viton,
- Rubber Coated diaphragms.
- Anti leakage seal.
- Muti-segments seal,
- Anti creeping seal.
- St.St Flexible hoses.
- Pumps services and repair.

Outstanding quality is the top priority at TISTAM. Our products are designed for user-friendly installation, optimal functionality and long service life. Over 30 years our R&D activities, advanced quality management system, in-house test facilities and in-depth engineering expertise ensure that our seals meet the most demanding customer expectations. Starting right back in the development phase, our employees continually verify the quality of our products, and we carry out systematic inspection and testing to guarantee that customers are getting top quality.

More than 5% of annual sales revenue has been reinvested in R&D over several decades. This has led to what is almost certainly the most advanced range of sealing technology available globally.

Our Research and Development (R&D) serves to bolster our competencies by offering its expertise and services to the world. TISTAM has become a leading, innovative provider to industries, fulfilling the roles of specialist, solving the end-users engineering problems via inventive and innovative approaches.

### **TISTAM**

- Will continue to provide the premium service and professionalism, stressing on the work accountability and total customer satisfaction.
- Is committed to continuously innovate and improve the products and services.
- Focuses in providing innovative, high quality precision products and services towards end-users, in accordance to (API682-ISO21049) Standard.

Innovations is no longer one-dimensionally defined as pure research-based development of groundbreaking new products. At TISTAM, we understand innovation to be the extension of our core competence that is expanded with our product-supporting services as well as our understanding of quality and service. In this way, the challenges of our customers are solved not only technically but also holistically.

- ISO 21049 API 682.
- ISO 9001-2015.
- Patent scope WO/2007/009470.
- EOS C3/1 NO:09/2016/1686.
- Vendor list at Egyptian general petroleum corporation. E.G.P.C. Item: (7-2)











30 Years of sealing solutions.

10 Maroof st. Kasr El-nile – Cairo – Egypt. Tel – Fax: +2-0225-788-393

72 EXT indsturial zone No 6 – 6<sup>th</sup> of October – Giza – Egypt.

Tel: +202-382-431-08 Fax: +202-382-431-09

info@tistam.com www.tistam.com

